

LASTOBOND SHIELD

DESCRIPTION

LASTOBOND SHIELD is a self-adhesive roof underlayment and eave protection membrane composed of SBS modified bitumen with a glass mat reinforcement. The surface is slip resistant tri-laminate woven polyethylene, while the underface is covered with a "split-back" silicone release film. This surface allows the use of **LASTOBOND SHIELD** membrane on various slopes.

RECOMMENDED SUBSTRATES

This product can be used on plywood, OSB or asphaltic boards such as **SOPRABOARD**.

SURFACE PREPARATION

Surfaces must be clean, dry and free of loose particles. In a case where a special job site condition requires superior adhesion, using one of **ELASTOCOL STICK** primer is recommended.

INSTALLATION

LASTOBOND SHIELD is used under roofing shingles. It is advisable to install the roof covering materials within 24 hours after the installation of those membranes.

SELF-ADHESIVE

LASTOBOND SHIELD must be adhered to support by peelling off the siliconed release film. Once installed, a pressure must be applied over the whole surface using a membrane roller to ensure good contact.

Application temperatures : **LASTOBOND SHIELD** - Summer grade (applications $\geq 10^{\circ}\text{C}$ [50°F])

LASTOBOND SHIELD - Winter grade (applications between -10 to 10°C [14 to 50°F])

Service temperatures : **LASTOBOND SHIELD** - Summer grade (applications between 45 to 90°C [-49 to 194°F])

LASTOBOND SHIELD - Winter grade (applications between -45 to 90°C [-49 to 194°F])

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	LASTOBOND SHIELD
Thickness	1.0 mm (40 mil)
Dimensions	22.9 x 0.91 m (75 x 3 ft)
Weight	? kg/m ² (? lb/ft ²)
Selvage width	75 mm (3 in)
Surface	Tri-laminate woven polyethylene
Underface	Self-adhesive, covered with a "Split-back" silicone release film
Rolls per skid	36

(All values are nominal)

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PROPERTIES

Properties	Standards	LASTOBOND SHIELD
Breaking Strength, MD/XD	ASTM D1970	10.7 / 8.1 kN/m (61 / 46 lbf/in)
Elongation at Break, MD/XD	ASTM D1970	16 / 14 %
Tear resistance, MD/XD	ASTM D1970	400 / 353 N (90 / 79 lbf)
Static puncture resistance	ASTM D5602	140 N (31 lbf)
Adhesion to plywood, 4.5 °C (40 °F)	ASTM D1970	50 N/m (3.4 lbf/ft)
Adhesion to plywood, 24 °C (75 °F)	ASTM D1970	250 N/m (17.1 lbf/ft)
Low temperature flexibility	ASTM D1970	Pass at -29 °C (-20 °F)
Water vapour permeance	ASTM E96	1.2 ng/Pa•s•m ² (0.02 perm)
Nail Sealability	ASTM D1970	Pass

(All values are nominal)

STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the product is stored outdoors, cover them with an opaque protective cover after the removal of the delivery packaging.